

SI TABLE S5
17 altered proteins associated with M phase of mitotic cell cycle in PC3-LN4 cells after drug treatments

Accession Number	Protein Name	KX01 treatment				KX02 treatment				Vinblastine treatment			
		24hr ratio	24hr p Value	72hr ratio	72hr p Value	24hr ratio	24hr p Value	72hr ratio	72hr p Value	24hr ratio	24hr p Value	72hr ratio	72hr p Value
O00541	Pescadillo homolog 1	0.79	< 0.01	0.54	< 0.01	0.71	< 0.01	0.60	< 0.01	0.69	0.42	0.74	< 0.01
O43684	Mitotic checkpoint protein BUB3	0.93	0.04	0.67	< 0.01	0.92	< 0.01	0.65	< 0.01	0.93	0.56	0.84	0.01
O60232	Sjogren syndrome/scleroderma autoantigen 1	0.50	< 0.01	0.82	1.00	0.75	< 0.01	0.68	< 0.01	0.39	< 0.01	0.71	< 0.01
O95347	Structural maintenance of chromosomes protein 2	1.29	0.37	0.71	0.05	1.08	0.97	0.61	< 0.01	1.19	0.08	0.58	< 0.01
P06493	Cell division control protein 2 homolog	0.80	< 0.01	0.50	< 0.01	0.90	< 0.01	0.47	< 0.01	0.70	< 0.01	0.41	< 0.01
P07437	Tubulin beta chain	0.70	< 0.01	0.50	< 0.01	0.80	< 0.01	0.54	< 0.01	0.67	< 0.01	0.56	< 0.01
P18754	Regulator of chromosome condensation	1.10	0.71	0.65	< 0.01	1.03	< 0.01	0.72	0.05	0.94	< 0.01	0.83	0.05
P24941	Cell division protein kinase 2	0.82	< 0.01	0.52	< 0.01	0.90	< 0.01	0.47	< 0.01	0.75	< 0.01	0.48	< 0.01
P83731	60S ribosomal protein L24	0.93	0.89	0.68	< 0.01	0.76	< 0.01	0.63	< 0.01	0.93	1.00	0.73	< 0.01
Q13148	TAR DNA-binding protein 43	1.15	0.17	0.66	< 0.01	1.06	0.85	0.65	< 0.01	1.03	< 0.01	0.86	0.12
Q13509	Tubulin beta-3 chain	0.74	< 0.01	0.54	< 0.01	0.82	< 0.01	0.58	< 0.01	0.69	< 0.01	0.60	< 0.01
Q13885	Tubulin beta-2A chain	0.71	< 0.01	0.51	< 0.01	0.79	< 0.01	0.56	< 0.01	0.65	< 0.01	0.58	< 0.01
Q14978	Nucleolar phosphoprotein p130	1.12	0.87	0.78	0.04	1.10	1.00	0.75	0.28	1.02	< 0.01	0.68	< 0.01
Q14980	Nuclear mitotic apparatus protein 1	1.00	0.68	0.62	< 0.01	1.12	0.52	0.64	< 0.01	0.60	0.08	0.77	0.06
Q9H0A0	N-acetyltransferase 10	0.69	< 0.01	0.51	< 0.01	0.68	< 0.01	0.57	< 0.01	0.93	0.76	0.72	< 0.01
Q9P258	Protein RCC2	0.97	0.72	0.65	< 0.01	0.96	0.49	0.59	< 0.01	0.96	0.89	0.77	< 0.01
Q9Y266	Nuclear migration protein nudC	1.04	0.25	0.81	0.07	0.96	< 0.01	0.71	< 0.01	1.02	< 0.01	0.73	< 0.01